

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S35	216	(plurality or multiple or two or second) same (cannula or shaft or tube) same (implant or tool or implement) same (mark\$4 or reflect\$4 or infrared or light or detect\$4) same (position or track\$4 or location) same (receiv\$4 or insert\$4 or slid\$4) and (medical or surgical or surgery)	US-PGPUB; USPAT	OR	ON	2009/01/15 11:03
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S38	4	("20030153829" "20050059885" "6021343" "6430434").PN. OR ("7274958").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/15 12:02
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S87	182	(600/414).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/20 19:43
S88	1430	(606/130).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/20 19:43
S89	656	(600/427).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/20 19:43
S90	1252	(600/424).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/20 19:43
S91	405	(600/426).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/20 19:43
S92	617	(S82 or S84)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:44
S93	315	S85 NOT (S82 or S84)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:44
S94	73	S86 NOT (S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:46
S95	135	S87 NOT (S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:46
S96	522	S89 NOT (S87 or S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:46
S97	202	S91 NOT (S89 or S87 or S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:47

S98	1010	S88 NOT (S91 or S89 or S87 or S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:47
S99	995	S90 NOT (S88 or S91 or S89 or S87 or S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 19:48
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S102	105	((Melkent) near2 (anthony)). inv. or ((Kahler) near2 (david)).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/20 20:28
S104	170	("3821469" "3868565" "3963028" "3983474" "4058114" "4068156" "4117337" "4182312" "4209254" "4259725" "4341220" "4358856" "4368556" "4407298" "4419012" "4465069" "4473074" "4608977" "4638798" "4649504" "4651732" "4659971" "4660970" "4672306" "4686997" "4698777" "4701047" "4701049" "4705395" "4705401" "4706665" "4709156" "4721384" "4721388" "4722056" "4723544" "4727565" "4733661" "4733969" "4737032" "4737921" "4742815" "4743770" "4743771" "4745290" "4750487" "4753128" "4753528" "4761072" "4762016" "4764015" "4767934" "4771787" "4779212" "4782239" "4788481" "4791934" "4793355" "4794262" "4803645" "4809694" "4821200" "4821206" "4822163" "4825091" "4829373" "4835710" "4836778" "4837669" "4841967" "4875478" "4896673" "4931056" "4933843" "4943296" "4945914" "4955891" "4961422" "4982188" "4991579" "5005142" "5016639" "5017139" "5027818"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 21:06

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S105	86	S104 NOT (S91 or S89 or S87 or S86 or S82 or S84 or S85)	US-PGPUB; USPAT	OR	ON	2010/05/20 21:07
S106	4	("20030153829" "20050059885" "6021343" "6430434").PN. OR ("7274958").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 21:16

S107	155	("20010029334" "20020077546" "20020087080" "20030074011" "4125858" "4567896" "4586512" "4751643" "4764971" "4791567" "4856074" "4896673" "4961425" "4991579" "4994013" "5072384" "5133020" "5166876" "5170790" "5178148" "5185809" "5187658" "5204625" "5222499" "5227969" "5234004" "5239591" "5242373" "5260871" "5289374" "5299253" "5319549" "5319551" "5339812" "5371810" "5389101" "5391139" "5391199" "5394457" "5398690" "5409006" "5410617" "5411026" "5412563" "5433199" "5447154" "5452367" "5457754" "5458126" "5460592" "5491627" "5494039" "5517602" "5526812" "5531223" "5531227" "5537485" "5553207" "5562095" "5566246" "5570430" "5574799" "5583659" "5590215" "5603318" "5622170" "5624382" "5638819" "5640496" "5660185" "5662111" "5669382" "5672172" "5682886" "5715836" "5727538" "5734739" "5740225" "5742263" "5749362" "5765561" "5769074" "5776063" "5797849" "5810007" "5817022" "5830145" "5833627" "5836954" "5851183" "5859891" "5860909" "5868673" "5868757" "5871448" "5906574" "5928130" "5931786" "5938583" "5951571" "5961527" "5974165" "5984870" "5989811" "6004267" "6006126" "6007474" "6025128" "6027446" "6033357" "6036632" "6038467" "6048312"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/20 22:40
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S114	571	(S110 or S111 or S112 or S113)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 09:32

S115	642	(multiple or plurality or second or two or additional) with (cannula or tube or guide or shaft or receiv\$4) WITH (exchang\$4 or interchang\$4 or chang\$4 or switch\$4) same (handle or grip) and (medical or surgical or surgery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 10:52
S116	640	S115 not (S114)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 10:54
S118	10	(multiple or plurality or second or two or additional) same (cannula or tube or guide or shaft or receiv\$4) same (exchang\$4 or interchang\$4 or chang\$4 or switch\$4) same (handle or grip) same (fixture or frame or base) same (dovetail) and (medical or surgical or surgery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 10:58
S119	167	(multiple or plurality or second or two or additional) with (channel or lumen or guid\$4) WITH (exchang\$4 or interchang\$4 or chang\$4 or switch\$4 or swap\$4) same (handle or grip) and (medical or surgical or surgery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 12:31
S122	457	(multiple or plurality or second or two or additional) with (channel or lumen or guided or guiding or guidable) WITH (angle or angled or parallel or adjacent or adjust or adjusted or adjusting or adjustable) same (handle or grip) same (insert \$4 or implant\$\$ or implement or instrument or device) and (medical or surgical or surgery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 12:35
S123	509	(S119 or S122) NOT (S114 or S115 or S118)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/05/21 12:36
S125	7	("2182390").URPN.	US-PGPUB; USPAT	OR	ON	2010/05/21 13:52
S126	27	("4962770" "4997419" "5323765" "5413580").PN. OR ("5649946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 14:07

S131	29	(interchang\$4 or chang\$4 or swap\$4) with (additional or multiple or plurality or second) with (fixture or frame) with (cannula or tube or guide or receiver) with (guid\$4 or receiv\$4 or insert\$5) and (medical or surgical or surgery)	US-PGPUB; USPAT	OR	ON	2010/05/21 17:47
S133	52	(switch\$4 or exchang\$4) with (additional or multiple or plurality or second) with (fixture or frame) with (cannula or tube or guide or receiver) with (guid\$4 or receiv\$4 or insert\$5) and (medical or surgical or surgery)	US-PGPUB; USPAT	OR	ON	2010/05/21 18:06
S134	1	(09/832848).APP.	USPAT; USOCR	OR	ON	2010/05/21 19:26
S138	7	(track\$4 or marker or LED) same (dove near2 tail) same (frame or fixture or base or handle) and (medical or surgical or surgery)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:10
S139	1	("5665095").PN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 23:14
S140	17	(track\$4 or marker or LED) same (dove near2 tail) and (medical or surgical or surgery) NOT S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:15
S141	860	(track\$4 or marker or LED) same (dove near2 tail)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:22
S142	347	(trackable or tracking or marker or LED) same (dove near2 tail)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:22
S143	26	(trackable or tracking or marker or LED) WITH (dove near2 tail)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:23

S144	24	S143 NOT (S140 or S138)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/21 23:23
S145	112	(US-20050277832-\$ or US-20080221394-\$ or US-20020095081-\$ or US-20020198451-\$ or US-20050203384-\$ or US-20020035321-\$ or US-20040152972-\$ or US-20050256455-\$ or US-20030181918-\$ or US-20030208122-\$ or US-20080306490-\$ or US-20050154296-\$ or US-20050124988-\$ or US-20020151894-\$ or US-20030083674-\$ or US-20050055098-\$ or US-20080103361-\$ or US-20090023985-\$ or US-20040254585-\$).did. or (US-6021343-\$ or US-6340363-\$ or US-5651047-\$ or US-5695500-\$ or US-5799055-\$ or US-5817106-\$ or US-6226548-\$ or US-5207753-\$ or US-5575794-\$ or US-4750487-\$ or US-4955891-\$ or US-5017139-\$ or US-2235419-\$ or US-5078719-\$ or US-D357534-\$ or US-D359557-\$ or US-5895389-\$ or US-5331961-\$ or US-5211165-\$ or US-5230623-\$ or US-5251127-\$ or US-5261404-\$ or US-5572999-\$ or US-5762629-\$ or US-5980535-\$ or US-7204840-\$).did. or (US-7235084-\$ or US-6117143-\$ or US-6537232-\$ or US-7274958-\$ or US-6236875-\$ or US-6167292-\$ or US-6256529-\$ or US-6428541-\$ or US-6491699-\$ or US-5078140-\$ or US-5871487-\$ or US-5494034-\$ or US-6434415-\$ or US-5205289-\$ or US-5752962-\$ or US-6725080-\$ or US-3704707-\$ or US-4037592-\$ or US-4383527-\$ or US-4841967-\$ or US-5047036-\$ or US-5251635-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/21 23:55

		2200120-\$ or US-4360012-\$ or US-5242455-\$ or US-5611515-\$ or US-5637112-\$). did. or (US-5697939-\$ or US-5746763-\$ or US-5824007-\$ or US-5938686-\$ or US-5961530-\$ or US-6167295-\$ or US-6167145-\$ or US-6258103-\$ or US-6374135-\$ or US-6379364-\$ or US-6675040-\$ or US-RE39133-\$ or US-4747400-\$ or US-4907577-\$ or US-4911153-\$ or US-5250055-\$ or US-5474559-\$ or US-5531751-\$ or US-5669915-\$ or US-5836950-\$ or US-5851207-\$ or US-RE36020-\$ or US-5891150-\$ or US-6206890-\$ or US-7660621-\$ or US-7237556-\$ or US-7139418-\$). did. or (US-6674916-\$ or US-6402762-\$ or US-7139601-\$ or US-7171255-\$ or US-6332891-\$ or US-6490467-\$ or US-6932823-\$ or US-7643862-\$ or US-4776749-\$ or US-6095975-\$ or US-5649946-\$ or US-6951538-\$). did. or (US-2182390-\$). did.				
S146	84	S145 and (interchang\$4 or chang\$5 or swap\$4 or switch \$4)	US-PGPUB; USPAT	OR	ON	2010/05/21 23:56
S147	112	(US-20050277832-\$ or US-20080221394-\$ or US-20020095081-\$ or US-20020198451-\$ or US-20050203384-\$ or US-20020035321-\$ or US-20040152972-\$ or US-20050256455-\$ or US-20030181918-\$ or US-20030208122-\$ or US-20080306490-\$ or US-20050154296-\$ or US-20050124988-\$ or US-20020151894-\$ or US-20030083674-\$ or US-20050055098-\$ or US-20080103361-\$ or US-20090023985-\$ or US-20040254585-\$). did. or (US-6021343-\$ or US-6340363-\$ or US-5651047-\$ or US-5695500-\$ or US-5799055-\$ or US-5817106-\$ or US-6226548-\$ or US-5207753-\$	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 10:07

or US-5575794-\$ or US-4750487-\$ or US-4955891-\$ or US-5017139-\$ or US-2235419-\$ or US-5078719-\$ or US-D357534-\$ or US-D359557-\$ or US-5895389-\$ or US-5331961-\$ or US-5211165-\$ or US-5230623-\$ or US-5251127-\$ or US-5261404-\$ or US-5572999-\$ or US-5762629-\$ or US-5980535-\$ or US-7204840-\$).
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did. or (US-6674916-\$ or US-6402762-\$ or US-7139601-\$ or US-7171255-\$ or US-6332891-\$ or US-6490467-\$ or US-6932823-\$ or US-7643862-\$ or US-4776749-\$ or US-6095975-\$ or US-5649946-\$ or US-6951538-\$).
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S148	243	("1576781" "1735726" "2182390" "2200120" "2407845" "2650588" "2697433" "20020095081" "20020198451" "20040007918" "20040024309" "20050256455" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3847157" "3868565" "3941127" "3983474" "4017858" "4037592" "4052620" "4054881" "4058114" "4117337" "4173228" "4182312" "4202349" "4228799" "4256112" "4259725" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4383527" "4383527" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4465069" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977").PN. or ("4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4659971" "4660970" "4673352" "4686997" "4688037" "4697595" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708" "4719419" "4722056" "4722336" "4723544" "4727565" "4733969" "4737032" "4737794" "4737921" "4742815" "4743770" "4743771" "4745290"	US-PGPUB; USPAT	OR	ON	2010/09/07 10:10
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S150	2	(09/795126).APP.	US-PGPUB; USPAT	OR	OFF	2010/09/07 10:12
S151	105	((Melkent) near2 (anthony)). inv. or ((Kahler) near2 (david)).inv.	US-PGPUB; USPAT	OR	OFF	2010/09/07 10:17
S153	95	("3963028" "4672306" "4673352" "4722056" "4836778" "5050608" "5078140" "5186174" "5198877" "5207681" "5230623" "5251127" "5295483" "5299288" "5305203" "5383454" "5389101" "5437212" "5447154" "5474558" "5517990" "5564437" "5575192" "5591207" "5617857" "5622170" "5645545" "5662111" "5676673" "5682890" "5732703" "5772594" "5810828" "B15383454" "D387427").PN. OR ("6021343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 11:01

S156	34	"20030153829" "20030220698" "20030050645" "20030153829" "20030158559" "20030220698" "20030229356" "20050085823" "20050154296" "20050203535" "20050177172" "20060030947" "4716894" "4410295" "4552136" "4765328" "5037424" "5284483" "5320625" "5834759" "5921992" "5089003" "5089004" "5190550" "5320625" "5364403" "5474560" "5490852" "5624447" "5720750" "5738586" "6338716" "6490467" "6490475" "6497134" "6991656" "7166114").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 12:01
S157	731	(S147 or S148 or S149 or S153 or S156) NOT S151	US-PGPUB; USPAT	OR	OFF	2010/09/07 12:02
S158	281	("3821469" "3868565" "3963028" "3983474" "4058114" "4068156" "4117337" "4182312" "4209254" "4259725" "4341200" "4341220" "4358856" "4368556" "4396945" "4398540" "4407298" "4419012" "4457311" "4465069" "4473074" "4506676" "4543959" "4571834" "4583538" "4585350" "4592352" "4602622" "4608977" "4638798" "4649504" "4651732" "4659971" "4660970" "4672306" "4673352" "4674057" "4686997" "4698777" "4701047" "4701049" "4705395" "4705401" "4706665" "4709156" "4721384" "4721388" "4722056" "4723544" "4727565" "4733661" "4733662" "4733969" "4737032" "4737921" "4742815" "4743770" "4743771" "4745290" "4750487" "4753128" "4753528"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 16:15

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S160	134	(S158 or S159) NOT (S147 or S148 or S149 or S153 or S156 or S151)	US-PGPUB; USPAT	OR	OFF	2010/09/07 16:46

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S161	31	(fixture with attach\$4 with spaced with fixed). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:18
S162	10	(fixture with attachment with spaced with fixed). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:18
S163	3	(plurality with cannula with trackable with marker).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:18
S164	1	(marker with fixture with plurality with cannula). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:19
S165	13	(receivers with attachment with points with plurality).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:19
S166	0	(fixture with frame with trackable with plurality with cannula).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:20
S167	0	(fixture with frame with trackable with plurality). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:20
S168	0	(trackable with detect with position with plurality with cannulas). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:20
S170	0	(trackable with detect with position with cannulas).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:20
S171	10	(detect with position with cannulas).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:20
S173	1	(fixture with configuration with first with second with cannulas).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:21
S174	8	(second with fixture with configuration with attachment).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:21
S175	2	(different with fixture with configuration with attachment).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:22

S176	0	(fixture with attach\$4 with trackable with cannula).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:22
S177	0	(trackable with frame with coupling with fixture).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:24
S178	0	(trackable with frame with cannula with detectable).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:24
S179	3	(trackable with frame with cannula with detect \$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:24
S180	0	(fixture with handle with cannulas with attachment).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:25
S181	0	(fixture with grip with attach\$4 with navigation).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:25
S182	4	(fixture with attach\$4 with spaced with fixed with relative).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:26
S183	0	(navigation with trackable with display with cannula).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:26
S184	65	S161 or S162 or S163 or S164 or S165 or S171 or S173 or S174 or S175 or S179 or S182	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/08 10:27

9/ 8/ 2010 11:35:17 AM

**C:\ Documents and Settings\ ecolello\ My Documents\ EAST\ Workspaces
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